

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1 | ("6665043").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/14 21:29 |
| L2 | 1 | ("20050167036").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/14 21:30 |
| L3 | 1 | ("5407519").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/14 21:30 |
| S46 | 38 | ((("20010021000") or ("4,094,058") or ("4,691,995") or ("5,875,922") or ("6,304,311") or ("5,247,377") or ("5,511,591") or ("5,642,214") or ("5,742,370") or ("6,011,609") or ("6,016,178") or ("6,055,035") or ("6,163,357") or ("6,226,067") or ("6,304,306") or ("6,414,733") or ("3,978,580") or ("4,653,864") or ("4,775,225") or ("5,263,888") or ("5,379,139") or ("5,406,989") or ("5,499,128") or ("5,507,323") or ("5,539,545") or ("5,548,429") or ("5,680,189") or ("5,757,451") or ("5,852,484") or ("5,854,664") or ("5,861,932") or ("5,952,678") or ("5,956,112") or ("6,001,203") or ("6,016,181") or ("6,219,126") or ("6,236,445") or ("6,337,730"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/03 22:22 |
| S47 | 88 | LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "156"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S48 | 69 | LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "29"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S49 | 10 | LCD and (bonding or bonder or bond) and (ion near10 gas) and "156"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 19:16 |
| S50 | 8 | LCD and (bonding or bonder or bond) and (ion near10 gas) and "29"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |

EAST Search History

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| S51 | 416 | (156/358).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S52 | 447 | (156/351).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S53 | 228 | (156/379).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S54 | 785 | (156/378).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S55 | 0 | LCD and (bonding or bonder or bond) and (ionizer) and "156"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 12:12 |
| S56 | 0 | LCD and (bonding or bonder or bond) and (ionizer) and "29"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S57 | 0 | LCD and (bonding or bonder or bond) and (ionizer) and "438"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:41 |
| S58 | 16 | LCD and (bonding or bonder or bond) and (ionizer) and gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |

EAST Search History

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| S59 | 33 | LCD and (load or loading or loader or unload or unloading or unloader) and (ionizer) and gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S60 | 272 | (156/381).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S61 | 897 | (156/382).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S62 | 1459 | (156/580).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S63 | 1300 | (156/556).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S64 | 131 | LCD and (bonding or bonder or bond) and (chamber near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 21:30 |
| S65 | 123 | "156"/\$.ccls. and (bonding or bonder or bond) and (chamber near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S66 | 0 | "156"/\$.ccls. and (thermoccompression) and (chamber near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |

EAST Search History

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| S67 | 372 | "156"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S68 | 13 | "156"/\$.ccls. and (thermoccompression) and (case near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S69 | 1 | ("6789595").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/09 13:58 |
| S70 | 30 | LCD and (bonding or bonder or bond) and (observation near5 window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S71 | 0 | "100"/\$.ccls. and (thermoccompression) and (chamber near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S72 | 1 | "100"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S73 | 11 | "156"/\$.ccls. and (bonding or bonder or bond) and (observation near5 window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S74 | 181 | "156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 19:55 |
| S75 | 0 | "156"/\$.ccls. and (thermoccompression) and (chamber near5 window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |

EAST Search History

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| S76 | 8 | "156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S77 | 12 | "156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S78 | 0 | "100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S79 | 0 | "100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S80 | 1459 | (156/580).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S81 | 1 | S80 and (observation near4 window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S82 | 66 | S80 and (window) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S83 | 6554 | (LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |

EAST Search History

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| S85 | 364 | (LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S86 | 444344 | (LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. andnot plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S87 | 108 | (LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. not plasma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/01 18:15 |
| S88 | 699 | (156/581).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S89 | 450 | (29/833).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/10 12:15 |
| S90 | 504 | (29/834).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/04/01 18:15 |
| S91 | 380 | (LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and "156"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 19:40 |
| S92 | 952 | (load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 21:32 |

EAST Search History

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| S93 | 38 | (load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck) and ("156"/\$.ccls. or "29"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 21:33 |
| S94 | 1 | ("20040114095").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/03 22:22 |
| S95 | 10 | LCD and (bonding or bonder or bond) and (interval near4 groove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 22:25 |
| S96 | 1730 | LCD and (bonding or bonder or bond) and (groove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 22:12 |
| S97 | 52 | LCD and (bonding or bonder or bond) and (groove) and ("156"/\$.ccls. or "29"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 22:35 |
| S98 | 45 | LCD and (bonding or bonder or bond) and ((loader or loading) near4 (arm or finger)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/03 22:43 |
| S99 | 5 | (bonding or bonder or bond) and (wafer same ((loader or loading) near4 (arm or finger))) and ("156"/\$.ccls. or "29"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/04 09:57 |
| S10 0 | 0 | (bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/04 10:00 |
| S10 1 | 0 | (bonding or bonder or bond) and (wafer and ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/04 10:00 |

EAST Search History

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| S10 2 | 6 | (bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/04 10:00 |
| S10 3 | 38 | LCD and (bonding or bonder or bond) and (actuator with shaft with (sensing or detecting or detector or sensor)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:42 |
| S10 4 | 2 | LCD and (bonding or bonder or bond) and (actuator with shaft with (load with cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:43 |
| S10 5 | 282 | LCD and (bonding or bonder or bond) and ((load with cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:43 |
| S10 6 | 1 | LCD with (bonding or bonder or bond) with ((load with cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:44 |
| S10 7 | 1 | LCD same (bonding or bonder or bond) same ((load with cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:44 |
| S10 8 | 327 | (bonding or bonder or bond) with ((load with cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 21:44 |
| S10 9 | 15 | (bonding or bonder or bond) with ((load with cell)) and LCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 23:46 |

EAST Search History

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| S11 0 | 100 | (bonding or bonder or bond) with ((groove)) and LCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 23:58 |
| S11 1 | 7 | (bonding or bonder or bond) with LCD and ((driving or drive) same (shaft or pole) same jack) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:07 |
| S11 2 | 1 | (bonding or bonder or bond) with (matrix or TFT or "liquid crystal" or LCD) and (vacuum with transmitter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:08 |
| S11 3 | 1 | (bonding or bonder or bond) with (chuck) and (vacuum with transmitter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:08 |
| S11 4 | 27 | (bonding or bonder or bond) with (chuck) and (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:20 |
| S11 5 | 22 | "279"/\$.ccls. and (chuck) and (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 15:14 |
| S11 6 | 7 | (bonding or bonder or bond) and (substrate with loader) same (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:21 |
| S11 7 | 0 | (bonding or bonder or bond) and (substrate with loader) and finger with (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:21 |

EAST Search History

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| S11 8 | 0 | (bonding or bonder or bond) and (loader) and finger with (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:21 |
| S11 9 | 23 | (bonding or bonder or bond) and finger with (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:27 |
| S12 0 | 0 | (substrate with loader) with finger with (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:27 |
| S12 1 | 0 | (substrate with loader) same finger same (vacuum with nozzle) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:27 |
| S12 2 | 5 | (substrate with loader) same finger same (vacuum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 17:40 |
| S12 3 | 4 | (wafer with loader) same finger same (vacuum) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:11 |
| S12 4 | 45 | LCD and (bonding or bonder or bond) and (locking with shaft) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 22:17 |
| S12 5 | 148 | "156"/\$.ccls. and (bonding or bonder or bond) and ("O-ring" with (groove or shaftor hole)) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/04 22:19 |

EAST Search History

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| S12 6 | 197 | (loader) same finger same (groove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:11 |
| S12 7 | 25 | (loader) with finger with (groove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:17 |
| S12 8 | 8 | (loader) with gripper with (groove) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:17 |
| S12 9 | 55 | (loader) with finger with slot | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/09 13:44 |
| S13 0 | 21 | wafer with gripper with groove | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/21 12:27 |
| S13 1 | 36 | wafer with gripper and "118"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/13 16:16 |
| S13 2 | 142 | wafer with finger with slot | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 11:24 |
| S13 3 | 1 | ("20020170938").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/10 14:04 |
| S13 4 | 51 | wafer with finger with slot and (groove with finger) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:18 |

EAST Search History

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| S13 5 | 547 | (414/941).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/10 12:15 |
| S13 6 | 0 | wafer with finger with slot and (suction with finger) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:44 |
| S13 7 | 433 | finger with slot and (suction with finger) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/10 12:45 |
| S13 8 | 1 | ("6705500").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/14 21:28 |
| S13 9 | 104 | wafer with gripper and "414"/\$.ccls. and (vacuum or suction) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/14 16:08 |
| S14 0 | 10 | (bond or bonding) with (press) and (grripper or finger) with suction and (groove or slot) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/14 15:43 |